

CAT 4.3 MW Generator Sub-Station Package

[Inventory ID #536541]



Generator and Substation Package:

CAT Model 3616 Diesel Engine

- Year: 2011
- Hours: 630
- Displacement: 296 L
- Valve Lash: 0.6 mm
- Valve Lash 1.0 mm
- Max Rated Speed (RPM): 1000
- Bore 280 mm
- Stroke 300 mm
- 16 Cylinders 4-Stroke Turbocharged After Cooled
- Exhaust and Silencer System
- Smithco Radiator
- Air Filters

KATO Synchronous AC Generator

- 4272 KW
- 5340 KVA
- 2402/4160 Volt
- 3 Phase
- 60 Hz.
- 900 RPM
- 741 Amp
- 8 P.F.

Also Available:

GE Prolec Load-Tap Changing Transformer

- Serial No. G2704-01
- Voltage Rating: 69000 – 4160 Y/2400
- 3 Phase
- 60 Hz.
- Altitude Rating: 2300 meters
- KVA Rating
 - 12,000 Continuous @ 55 C Rise ONAN
 - 13,400 Continuous @ 65 C Rise ONAN
 - 16,000 Continuous @ 55 C Rise ONAF
 - 17,900 Continuous @ 65 C Rise ONAF
- Impedance @ 75 C
 - %Z – 7.020
 - KVA Base – 12,000
 - kV Base – 69 – 4.16

Control Panels

- Substation Control Room
- IE – Intermountain Electronics Inc. MV Switchgear
- Input: 3000A @ 4.16KV
- Output 1: 3000A @ 4.16KV
- MFG Date: June 2012

Kaeser Air Compressor with 2000 Liter Tank

Additional Equipment:

- Substation Structures
- Tensioners
- Connectors
- Grounding disconnecter system
- Lightening grounding system
- Bar insulators
- Voltage transformers
- Interlock Coils Box
- Marshaling Box Switch Panel
- High Voltage Insulators
- Electrical Panel and Transformer for Lighting Brand: GENERAL PACIFIC, 15KVA, 60HZ, 3 Phase, No. 219118-03

Location: Central America

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